

!!!WARNING!!!

THE FOLLOWING CHECKLIST IS TO BE USED AS A GUIDE ONLY AND IS NOT ALL INCLUSIVE IN COVERAGE. SELECTED SUBPARTS HAVE BEEN USED TO STIMULATE INTEREST AND QUESTIONS ABOUT SAFETY IN THE WORKPLACE. QUESTIONS HAVE BEEN ASKED ABOUT SELECTED SECTIONS OF THE SUBPARTS THAT MAY GIVE AN INDICATION OF A POTENTIAL HAZARD IN THE WORKPLACE. REFERENCE SHOULD BE MADE TO THE 29 CFR 1910, GENERAL INDUSTRY STANDARDS, FOR COMPLETE WORDING AND REQUIREMENTS GOVERNING ANY POTENTIAL HAZARD. THIS CHECKLIST SHOULD NOT BE USED IN LIEU OF THE STANDARDS BUT SHOULD BE USED IN CONJUNCTION WITH THE STANDARDS TO ENSURE SAFETY AND COMPLIANCE IN THE WORKPLACE.

CONTACT THE LABOR CABINET, DIVISION OF EDUCATION AND TRAINING, FOR ANY ASSISTANCE IN RELATED SAFETY AND HEALTH MATTERS:

**DIVISION OF EDUCATION AND TRAINING
OCCUPATIONAL SAFETY AND HEALTH
KENTUCKY LABOR CABINET
FRANKFORT, KENTUCKY 40601
PHONE: (502) 564-6895**

THE KENTUCKY OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD, PURSUANT TO THE AUTHORITY GRANTED IN KENTUCKY REVISED STATUTES (KRS) 338.061, HAS ADOPTED, BY REFERENCE, THE 29 CFR 1910 OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR GENERAL INDUSTRY UNDER KAR 2:300 THROUGH 2:320.

"No individual in the United States shall, on the grounds of race, color, religion, sex, national origin, age, disability, political affiliation or belief, be excluded from participation in, or denied the benefits of, or be subjected to discrimination under any program or activity under the jurisdiction of the Kentucky Labor Cabinet."

GENERAL HAZARD RECOGNITION: 29 CFR 1910

The evaluation of a safety hazard potential starts from a base point, the workplace, or work location, and other potential hazards are to be considered as other production elements are added.

There are certain basic safety and health standards which apply to the workplace, a building, or other working surfaces, protection of floor and wall openings, access and egress requirements, sanitation, and fire and emergency protection.

Different elements of risk are to be considered when machines and equipment are added to the workplace. Standards are included for risks involving machine guarding, operational techniques, special safety devices, inspection and maintenance, mounting, anchoring, grounding, and other protection.

Materials used, processed, or applied in the workplace also introduce a different array of potential safety hazards. Standards cover materials that yield dangerous toxic fumes, mists, or have ignitable/explosive dusts, and other atmospheric contaminants. There are standards for safe storage and handling of compressed gases, flammable and combustible liquids, as well as more stable materials used in the production processes.

People added to the workplace also introduce new variables to be considered. There are medical, first aid, and licenses or other accreditation document requirements. Consideration for personal protective equipment and special training or educational requirements must also be considered.

The power source utilized creates potential hazards in the workplace. Electrical, pneumatic, hydraulic steam, explosive actuated and other power sources have standards that are applicable.

Special processes or industry may have standards covering them specifically. Additional standards can be expected in the future as well as updating the current standards.

TABLE OF CONTENTS

ADMINISTRATIVE REQUIREMENTS

- 803 KAR 2:060, Section 2(1)
- 803 KAR 2:180, Sections 1 and 3
- 803 KAR 2:180, Section 4(4)(a)

GENERAL INDUSTRY STANDARDS

SUBPART D--WALKING-WORKING SURFACES

- .22 General requirements
- .23 Guarding floor and wall openings and holes
- .24 Fixed industrial stairs
- .25 Portable wood ladders
- .26 Portable metal ladders
- .27 Fixed ladders
- .28 Safety requirements for scaffolding
- .29 Manually propelled mobile ladder standards and scaffolds
- .30 Other working surfaces

SUBPART E--MEANS OF EGRESS

- .36 General requirements
- .37 Means of egress, general
- .38 Employee emergency plans and fire prevention plans

SUBPART F--POWERED PLATFORMS, MANLIFTS, AND VEHICLE-MOUNTED WORK PLATFORMS

- .66 Powered platforms for exterior building maintenance
- .67 Vehicle-mounted elevating and rotating work platforms
- .68 Manlifts

SUBPART G--OCCUPATIONAL HEALTH AND ENVIRONMENTAL CONTROL

- .94 Ventilation
- .95 Occupational noise exposure

SUBPART H--HAZARDOUS MATERIALS

- .101 Compressed gases (general requirements)
- .106 Flammable and combustible liquids
- .107 Spray finishing using flammable and combustible materials
- .108 Dip tanks
- .110 Storage and handling liquefied petroleum gases

SUBPART I--PERSONAL PROTECTIVE EQUIPMENT

- .132 General requirements
- .133 Eye and face protection
- .134 Respiratory protection
- .135 Occupational head protection
- .136 Occupational foot protection
- .138 Hand protection

SUBPART J--GENERAL ENVIRONMENTAL CONTROLS

- .141 Sanitation
- .146 Permit-required confined spaces
- .147 Lockout/Tagout

SUBPART K--MEDICAL AND FIRST AID

- .151 Medical services and first aid

SUBPART L--FIRE PROTECTION

- .157 Portable fire extinguishers
- .158 Standpipe and hose systems

SUBPART M--COMPRESSED GAS AND COMPRESSED AIR EQUIPMENT

- .169 Air receivers

SUBPART N--MATERIALS HANDLING AND STORAGE

- .176 Handling materials-general
- .177 Servicing multi-piece rims
- .178 Powered industrial trucks
- .179 Overhead and gantry cranes

SUBPART O--MACHINERY AND MACHINE GUARDING

- .212 General requirements for all machines
- .213 Woodworking machinery
- .215 Abrasive wheel machinery
- .217 Mechanical power presses
- .219 Mechanical power transmission apparatus

SUBPART P--HAND AND PORTABLE POWERED TOOLS AND OTHER HAND-HELD EQUIPMENT

- .242 Hand and portable powered tools and equipment, general

SUBPART Q--WELDING, CUTTING AND BRAZING

- .252 General Requirements for welding, cutting and brazing
- .253 Oxygen-Fuel gas welding and cutting
- .254 Arc welding and cutting
- .255 Resistance welding

SUBPART R--SPECIAL INDUSTRIES

SUBPART S--ELECTRICAL

- .303 General requirements
- .304 Wiring design protection
- .305 Wiring methods, components, and equipment for general use
- .307 Hazardous (classified) locations
- .332 Training
- .333 Selection and use of work practices
- .334 Use of equipment
- .335 Safeguards for personnel protection

SUBPART Z--OCCUPATIONAL HEALTH AND ENVIRONMENTAL CONTROL

Refer to Sections .1000 to .1047

- .1030 Bloodborne Pathogens
- .1200 Hazard Communication
- .1450 Laboratory Safety

ADMINISTRATIVE REQUIREMENTS

803 KAR 2:060, Section 2(1)
803 KAR 2:180, Sections 1 and 3
803 KAR 2:180, Section 4(4)(a)

2:060, Section 1: Is the poster "Safety and Health Protection on the Job" posted in a conspicuous location?

2:180, Sections 1 and 3: Are occupational injury/illness records maintained and are they current?

2:180, Section 4(4)(a): Is the summary portion of the OSHA 200 form for the previous year posted for the entire month of February?

29 CFR 1910 GENERAL INDUSTRY

SUBPART D: Walking-Working Surfaces

- .22 (a) Place of employment kept clean, orderly, sanitary? Floor maintained in a dry condition? Drainage provided? Floor, passageway kept free from protruding nails, splinters, etc.?
- (b) Sufficient clearance for mechanical handling equipment? Are permanent aisles appropriately marked?
- (c) Personnel protected by guardrail or covering?
- (d) Floor load limit approved and affixed in a conspicuous place?
- .23 (a) Stairway floor opening guarded by standard railing, or by hinged floor opening cover or removable railing? Hatchway or chute floor opening guarded? Personnel protected from falling through? Infrequently used pit and trap door opening guarded? Floor opening guarded? Floor hole guarded?
- (c) Open-sided floor or platform four feet or more above adjacent floor or ground level guarded by standard railing? Runway four feet or more above floor or ground level guarded?
- (d) Stairs with four or more risers equipped with standard railing?
- (e) Rail construction adequate?
- .24 (f) Treads of stairs with nonslip surface finishing? Riser height and tread width uniform?

- .24 (i) Vertical height above stair tread clear of obstruction?
- .25 (b) Ladders free from splinters, sharp edges, decay?
 - (c) Proper construction, uniformity in spacing?
 - (d) Wood ladders inspected frequently? Defective? Taken out of service and tagged? Held in position to prevent slippage? Extend three feet beyond roof line?
- .26 (c) Portable metal ladder inspected? Defective? Removed from service? Used around power lines?
- .27 (b) Fixed industrial stairs properly constructed? Standard rung, cleat clearance?
 - (d) Landing platform less than 24 inches wide and 30 inches long?
 - (f) Fixed ladder inspected regularly? Maintained in safe condition?
- .28 (a) Ladder or scaffold provided? Guardrail, toeboards installed on open sides and ends 10 feet above ground or floor? Damaged scaffold immediately repaired or taken out of service? Uniform planking and overlapping minimum of 12 inches? Safe access provided? Plumb? Secure? Braced?
 - (c) Scaffold secured and braced 30 feet horizontally and 26 feet vertically? Guardrail and toeboards provided?
 - (g) Working load limit on suspension scaffolding? Employee provided and protected by approved safety belt and lifeline? Attached to structure? Secured to prevent swaying?
- .29 (a) Casters provided to prevent wheel movement? Scaffold not moved with personnel on it?
- .30 (a) Portable dockboard provided with handholds or other means to move? Preventage of slipping or displacement?

SUBPART E: Means of Egress

- .36 (b) Exit provided with unobstructed egress? Exits not locked?
 - (d) Fire door maintained in proper operating condition? All sprinkler systems, fire detection and fire alarms, exits, lighting, and other equipment maintained in operating condition?
- .37 (f) Exit located or ready accessibility?

- (j) Means of egress substantially level?
- (k) Means of egress continuously maintained free of obstructions?
- (q) Exit marked with readily visible sign? Non-exit doors clearly marked for purpose or "NOT AN EXIT" or similar designation? Arrows indicating direction of exit?
- .38 (a) Emergency plan of action in writing? Designated employee actions?
- (b) Fire prevention plan in writing covering major workplace fire hazards?

SUBPART F: Powered Platforms, Manlifts, and Vehicle-Mounted Work Platforms

- .66 (c) Employer informed in writing by building owner?
- (e) Structural supports, tie-downs, tie-in guides, anchoring devices, and any affected parts of the building designed by or under the direction of a registered professional engineer? Perimeter guarding system provided for employees working on roofs while performing building maintenance? Emergency action plan written and updated as necessary?
- (f) Vertical lifeline provided? Emergency electric operating provided? Working platform, no less than 24 inches wide and with a minimum of 12 inches wide passage at or past any obstruction on the platform?
- (g) Building maintenance equipment installations inspected and tested in the field before placed in initial service? Periodic inspection by a competent person at intervals not exceeding 12 months? All parts of the equipment inspected? Certification record of each inspection and test kept by building owner? Maintenance inspection made of platform every 30 days? Operators proficiently trained?
- .67 (b) Modifications certified in writing by manufacturer or by other equivalent entity? Aerial ladders secured before travel? Lift controls tested daily? Body belt worn and attached to boom or bottom of basket?
- .68 (b) Landing space kept clear of obstructions? Adequate lighting provided? Guards, guardrails, or gates provided?

- (c) Manlifts inspected at intervals of not more than 30 days?
Certification record kept?

SUBPART G: Occupational Health and Environmental Control

- .94 (c) Spray finishing operations enclosed or confined? Located in accordance with NFPA No. 33-1969 (Standard for Spray Finishing using Flammable and Combustible Materials?) Designed and constructed in accordance with sections 29 CFR 1910.107(b)(1)-(4) and (6)-(10)? Noncombustible material? Ventilation?
- .95 (b) Hearing protection provided where needed/required?
Engineering/administrative controls provided? Continuing and effective hearing conservation program?

SUBPART H: Hazardous Materials

- .101 (b) Valve protection caps provided and kept on compressed gas cylinders? Compressed gas cylinders stored upright? Secured from damage and being knocked over?
- .106 (b) Sources of ignition eliminated/controlled where presence of flammable liquid vapors are present?
- (d) Approved container or portable tank used for storage of flammable or combustible liquid? Self-closing fire doors in openings to other rooms? Electrical wiring and equipment approved for location?
- (e) Flammable or combustible liquid stored in tank or closed container? Limited quantity of flammable liquids stored? Flammable liquid kept in covered container when not in actual use? Adequate precautions taken to prevent ignition of vapors? Bonding means provided? Combustible waste properly contained and disposed of daily?
- (g) Clearly identifiable and accessible emergency shut off switch or breaker at remote location? Class I flammable liquid dispensing unit mounted on concrete island or protected against collision damage? Visible and legible sign prohibiting smoking posted? Fire extinguisher (minimum 6-B-C) within 75 feet of pump, dispenser, or underground fill pipe opening?
- .107 (b) Air velocity average of 100 linear feet per minute? Visible gauge, audible alarm, or pressure device installed on paint spray booth? Inside protected with approved automatic sprinkler system on down stream and upstream sides of filters? Three foot clearance of

combustible materials or noncombustible construction on all sides of spray booth? All portions of spray booth readily accessible for cleaning?

- (c) Open flame/spark producing equipment not permitted in spraying area, or separated by partition or beyond 20 feet? Electrical wiring and equipment in accordance with Subpart S of 29 CFR 1910? Equipment of the explosive-proof type used in the spraying area? Near the spraying area?
 - (d) Mechanical ventilation provided? Kept in operation while spraying is being done?
 - (e) Quantity of flammable/combustible liquids kept in the vicinity exceed the minimum required? Bulk storage kept in separate, detached building? Use of containers or piping system to bring liquid into spray finishing room? Transferring of liquid from one container to another bonded?
 - (g) Accumulation of deposits of combustible residue prohibited? Non-sparking tools for cleaning used? "NO SMOKING" signs posted at spraying area or storage room?
- .108 (c) Automatic extinguishing system for dip tank exceeding 150 gallons of liquid with surface area exceeding four square feet?
- (d) Portable container to replenish dip tank bonded?
- .110 (f) Quantity of LP gas stored inside building exceed 300 pounds?

SUBPART I: Personal Protective Equipment

- .132 (d)(1) Hazard assessment performed to determine need and type of protective equipment? Proper and adequate equipment selected and required for use? Proper fit? (See Non-Mandatory Appendix B for guidance)
- (d)(2) Written certification of assessment? Including (a) the location, (b) the certifying person, (c) the date, and (d) identifying statement (i.e. "Certification of Hazard Assessment.")
- .132 (f)(1) Training conducted on required PPE?: (i) when PPE is necessary, (ii) what PPE is necessary, (iii) how to properly put it on, take it off, adjust it, and wear it, (iv) the limitations, and (v) the proper care, maintenance, useful life and disposal.

- (f)(2) Employees demonstrate an understanding of training and ability to use the equipment?
 - (f)(3) Retraining when and if needed?
 - (f)(4) Written certification of training? Including: (a) Names of employees trained, (b) date of training, and (c) identifying statement (i.e. "Certification of PPE training.")
- .133
- (a)(1) Eye protection provided for exposure to flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors or potentially injurious light radiation?
 - (a)(2) Side protection when flying objects are present?
 - (a)(3) Prescription lenses incorporated into design of safety glasses or protection that fits snugly over prescription lenses?
 - (a)(4) Eye and face PPE distinctively marked?
 - (a)(5) Appropriate shade number for job being performed?
 - (b) Equipment meets ANSI Z87.1-1989 if purchased after July 5, 1994 or ANSI Z87.1-1968 is purchased prior to?
- .134
- (a) Respirators provided when needed?
 - (b) Written standard operating procedures? Employees properly trained and instructed on the use of respirators? Daily cleaning or as necessary of respirators in use? Respirators stored in clean and sanitary location? Routine inspection of respirators? Worn or defective respirators replaced? Regular inspections and evaluations of effectiveness of the respirator program? Employees capable of performing work while using the respirator? Periodic review of medical status?
- .135
- (a) Protective helmets required when potential for injury from falling objects or when near exposed electrical conductors?
 - (b) Equipment meets ANSI Z89.1-1986 is purchased after July 5, 1994 or ANSI Z89.1-1969 if purchased prior to?
- .136
- (a) Protective footwear when danger from falling, rolling objects, objects piercing the sole or when electrical hazards to feet?
 - (b) Equipment meets ANSI Z41-1991 if purchased after July 5, 1994 or ANSI Z41.1-1967 if purchased prior to?

- .138 (a) Hand protection when exposed to skin absorption of harmful substances, severe cuts or lacerations, severe abrasions, punctures, chemical or thermal burns, harmful temperature extremes?
- (b) Selection based on performance characteristics in relation to the tasks to be performed, conditions present, duration of use, and hazards and potential hazards?

SUBPART J: General Environmental Controls

- .141 (a) Place of employment kept clean to the extent that the nature of the work allows? Receptacle for putrescible solid or liquid waste or refuse provided? Leaks provided? Tight fitting cover to maintain sanitary conditions?
- (c) Privacy for each water closet?
- (d) Each lavatory provided with hot or tepid running water? Either individual hand towels, cloths, paper towels or warm air blowers provided?
- .146 (c)(1) Have you determined if the workplace contains permit-required confined spaces, as defined in paragraph (b)?
- (c)(2) Have you informed exposed employees of the existence, location, and the danger imposed by the permit-required confined spaces?
- (c)(3) Did you take effective measures to prevent employees from entering permit spaces, if the employer decides its employees will not enter permit spaces?
- (c)(4) Did you develop and implement a written permit space entry program described in paragraph (d), if the employer decides that its employees will enter permit spaces?
- (c)(5) If you elect to use alternate entry procedures when the only hazard is an actual or potential hazardous atmosphere, did you follow all the requirements of (c)(5)(ii)?
- .146 (c)(8) Did you inform contractors that the workplace contains permit spaces, explain the hazards of the spaces, explain any precautions or procedures that have been implemented, and coordinate host employer and contractor personnel?
- (e) Have you developed a permit system to allow safe entry into permit spaces that follows paragraphs (d)(3) and (e)?

- (f) Does your entry permit identify all 15 items required by paragraph (f)?
- (g)(1) Have affected employees been trained to perform the duties of authorized entrants described in paragraph (h), attendants described in paragraph (i), and entry supervisors described in paragraph(j)?
- (g)(3) Has training in these duties established employee proficiency?
- (g)(4) Have you certified that the training required by this section has been accomplished?
- (k)(1)(i)(ii) If an on-site rescue service is used, is each member trained to perform rescues and trained in the duties of authorized entrants?
- (k)(1)(iii) Has each member of the rescue service practiced making permit space rescues at least once every 12 months?
- (k)(1)(iv) Is each member of the rescue service trained in first aid and CPR, with at least one member currently available?
- (k)(2)(i) If an off-site rescue service is used, has the rescue service been informed of the hazards that may be confronted?
- (k)(2)(ii) Has the off-site rescue service been provided with access to all permit spaces so that rescue plans can be developed and practiced?
- (k)(3) Are retrieval systems used whenever an authorized entrant enters a permit space, unless the retrieval equipment increases the risk of entry?
- .147 (c) Written energy control/lockout-tagout program developed, documented, and utilized? Equipment capable of being locked out? Methods to provide a level of safety equivalent to a lockout program (when lockout is not capable)? Energy control procedures per machine/equipment? Locks, tags, chains, wedges singularly identifiable, durable, standardized, and substantial? Periodic inspections conducted? Training and communication provided to affected, authorized, and other employees?
- .147 (d) Procedures established for application of energy control device - preparation for shutdown, machine or equipment shutdown, machine or equipment isolation, lockout or tagout device application, stored energy, verification of isolation?
- (e) Non-essential items removed to ensure machine or equipment

components are operationally intact? Employees safely positioned and notified that lockout/tagout devices are removed?

- (f) Outside personnel informed of on-site employer's lockout/tagout procedures and vice versa? Group lockout/tagout procedures developed, documented, and utilized? Lockout/tagout procedures developed, documented, and utilized during shift or personnel changes?

SUBPART K: Medical and First Aid

- .151 (b) Adequately trained personnel to render first aid readily available? First aid supplies readily available at the site?
- (c) Suitable facilities for quick drenching or flushing of eyes and body within the immediate work area?

SUBPART L: Fire Protection

- .157 (c) Portable fire extinguishers identified, mounted and located where readily accessible? Extinguishers maintained in fully charged and operable condition? Kept in designated place? All soldered or riveted shell invertible extinguishers removed from service?
 - (d) Extinguishers provided for employee use selected on size and degree of hazard in the work area? Travel distance for each class of fire hazard; 75 feet for Class A, 50 feet for Class B?
 - (e) Portable fire extinguishers inspected? Annual inspection recorded? Hydrostatic testing completed as applicable? Alternate protection provided when portable extinguishers are out of service?
 - (g) Employees trained on use of fire extinguishers where involved in incipient stage fire fighting? Hands-on training in the usage of appropriate equipment?
- .158 (c) Hose connections and outlets accessible?
 - (e) Annual inspection of hose systems?

SUBPART M: Compressed Gas and Compressed Air - Equipment

- .169 (b) Air receivers properly installed with drains, valves and indicating pressure gages? Are safety valves tested frequently?

SUBPART N: Materials Handling and Storage

- .176 (a) Sufficient and safe clearances for mechanical handling equipment for aisles, load docks, doorways, and passages? Aisles and passageways kept clear and in good repair where mechanical equipment is being used? Permanent aisles marked?
- (b) Material stacked and stored in stable conditions and secured against sliding or collapsing?
- (c) Storage area kept free from tripping hazards, fire, explosion, and pest harborage?
- .177 (c) Training and instruction to employees on servicing rim wheels?
- (d) Restraining device used for servicing multi-piece rim wheels? Clip on chuck with sufficient hose length and in-line gauge or pressure regulator? Current charts - U.S. DOT National Highway Traffic Safety Administration on "Safety Precautions for Mounting and Demounting Tube-Type Truck/Bus Tires" and "Multi-Piece Rim/Wheel Matching Chart" or equivalent?
- .178 (e) High lift rider equipped with overhead guard? Forklift truck equipped with vertical load backrest extension?
- (g) Battery charging area designated for that purpose? Facility provided for flushing and neutralizing spilled electrolyte? Adequate fire protection provided? Battery charging apparatus protected from damage by collision? Smoking prohibited in battery charging area? Precautions taken against open flames, sparks or electric arc in battery charging area?
- (k) Brakes and wheel chocks used to prevent highway truck from rolling when entering truck?
- (l) Operators trained in safe operation of powered industrial truck?
- .178 (m) Unauthorized persons prohibited from riding on industrial truck? Loads on unattended trucks lowered? Power off? Controls neutralized? Brakes set? Powered industrial truck fitted with overhead guard? Load backrest extension? Safety platform used for protection of personnel being elevated by powered industrial truck? Platform secured to mast?
- (n) Dockboard or bridgeplate secured before traveling over?
- (p) Defective industrial truck removed from service until repairs are made?

- .179 (b) Rated load of crane plainly marked on each side? Hoisting unit marked? Load block marked? Markings legible from ground or floor level? Aisles, passageways clear of any obstructions in path of crane movement?
- (g) Pendant control boxes clearly marked as to function?
- (j) Monthly inspections with certification records? Date of inspection recorded? Serial number, or other identifier? Hook inspection? Condition of hoist chains?
- (m) Thorough inspection of all ropes at least once a month? Certification record, including date of inspection? Who performed it? Identifier of the rope? Is the inspection report readily available?

SUBPART O: Machinery and Machine Guarding

- .212 (a) Machine guarding provided for protection from hazards of: Point of operation? Ingoing nip points? Rotating parts? Flying chips? Sparks? Guard affixed to machine or secured elsewhere to prevent displacement? Fan blades seven feet or less from floor guarded? Openings in guard no longer than 1/2 inch?
- (b) Machine designed for fixed location securely anchored?
- .213 (a) Portion of circular saw beneath or behind the table covered with guard or exhaust hood?
- (b) Power cut-off provided so operator does not have to leave position to shut off power? Woodworking machine prevented from automatic restart in the event of power failure?
- .213 (c) Portion of saw blade on hand-fed circular rip saw guarded by automatically adjusting to material being cut? Saw furnished with spreader to prevent kickback? Provided with dogs or nonkickback fingers?
- (f) Feed rolls and saws on self-feed circular saw guarded? Provided with nonkickback fingers?
- (g) Swing cutoff saw provided with automatically adjusting hood that: Completely encloses the upper half of saw? Arbor end? Point of operation on all positions? Effective device provided to return saw to the back of the table when released at any point in travel?

- (h) Radial saw: Sides of lower guard automatically adjust to thickness of stock? Hood provided to protect upper portion of blade? Provided with nonkickback fingers? Provided with an adjustable stop to prevent forward travel of blade beyond table? Cutting head returns automatically to starting position?
- (i) All portions of bandsaw and band resaws: Blade guarded except for working portion?
- (j) Hand-fed joiner with horizontal cutting head provided with automatic guard to cover all sections of the head on the working side of the fence?
- (m) Adjustable guard provided for the cutting heads of each wood shaper, hand-fed panel riser or other similar machine?
- (o) Lathes provided with guards as needed?
- (p) Belt sanding machine provided with nip point guards?
- .215 (a) Grinding wheels provided with guards? Guard covers the spindle end, but, and flange? Work rest adjusted to 1/8 inch to wheel?
- (b) Adjustable tongue guard provided? Tongue guard adjusted to 1/4 inch to the abrasive wheel?
- (d) Before mounting, are wheels ring tested? Surfaces of wheels, blotters, and flanges inspected?
- .217 (b) Full revolution clutch presses incorporate single-stroke mechanism? Pedal mechanism protected from accidental or unattended operation? Pedal with non-slip surface? Two-hand trips protected from accidental operation? Requirement of concurrent pressure? Main power disconnect switch being capable of being locked in the "off" position? Disconnect in the event of a power failure, motor will not start automatically?
- .217 (c) Point of operation guard properly applied? Adjusted? Prevent entry of hands or fingers into the point of operation by reaching through, over, around, or under the guard? Are two-hand controls and other devices properly adjusted?
- (d) Are dies stamped with tonnage, stroke requirements, and air or spring counterbalance settings, or are they readily available? Use of safety blocks when dies are being adjusted or repaired in the press?
- (e) Inspections and certifications of presses being performed? Are

maintenance personnel properly trained?

- (f) Are operators properly trained in safe operation? Work area properly cleaned, maintained, and adequate clearance provided between machines? Insure that press is not overloaded?
- (g) Point of operation injuries reported within 30 days of occurrence?
- .219 (b) Flywheel with parts seven feet or less from floor guarded?
- (c) Vertical or inclined belts, shafts properly guarded? Shaft ends guarded by non-rotating cap or safety sleeve?
- (d) Pulleys, belts, and parts seven feet or less from working area guarded?
- (f) Gears, sprockets, chains guarded?
- (h) Projecting key, setscrew or other projections removed or made flush or guarded?
- (o) Guards braced or rigidly secured to machine or building?

SUBPART P: Hand and Portable Powered Tools and Other Hand-Held Equipment

- .242 (a) Hand and portable powered tools and equipment kept in safe working condition?
- (b) Compressed air used for cleaning purposes reduced to less than 30 psi?
- (c) Portable abrasive wheel grinder provided with guards?

SUBPART Q: Welding, Cutting, and Brazing

- .252 (a) Fire hazards in vicinity taken to safe place? Guards used to confine heat, sparks, and slag to protect immovable fire hazards? Protection and prevention provided? Fire extinguishing equipment ready for instant use? Fire watchers needed?
- (b) Proper eye protection worn by operators, helpers, or attendants? Working in confined space?
- (c) Adequate ventilation provided for general welding and cutting?
- .253 (b) Compressed gas cylinder legibly marked to identify contents? Compressed gas cylinder kept away from heat sources? Stored in

dry, well-ventilated area? At least 20 feet from combustible material? Cylinder protected from being knocked over or damaged? Valves closed on empty cylinders? Valve protection caps kept in place when cylinder is not in use? Cylinders stored with valve ends up? Oxygen cylinders separated from fuel gas at least 20 feet or by noncombustible barrier at least five feet high with 1/2 hour fire rating? Cylinders supplied with key or handle or nonadjustable wrench if without fixed hand wheel? Wrench on valve stem while cylinder is in use? Defective hoses repaired or replaced?

- (c) Manifold system approved separately for each component part or as an assembled unit?
- .254 (d) Electrode holder placed to avoid electrical contact when not in use? Is cable spliced within 10 feet of the holder? Damaged cables repaired or replaced?
- .255 (b) Access panel or doors of resistance welding machines locked or secured to prevent contact with live energized parts? Guarding provided for press welding machine operations? Hazards of flying sparks eliminated or adequate protection provided? Foot switches protected?

SUBPART R: Special Industries

Please refer to 29 CFR 1910 General Industries Standards for the specific requirements for pulp and paper mills; textiles; bakery equipment; laundry machines; sawmills and pulpwood logging.

SUBPART S: Electrical

- .303 (b) Electrical insulation and equipment replaced after being damaged? Electrical equipment free from recognized hazards?
- (c) Suitable splicing for conductors?
- (f) Disconnects, switches, service, feeder or branch circuits legibly marked to indicate their purpose?
- (g) Sufficient access and safe working space provided around electrical equipment? Space not used for storage area? Live parts guarded against accidental contact by approved cabinets, or other forms of approved enclosures? Protected against physical damage? Conspicuous warnings for unqualified persons at

entrances to rooms or other guarded locations?

- .304 (a) Reversed polarity prohibited?
- (d) Warning signs for high voltage posted?
- (e) Circuit breakers clearly indicate "off" or "on" position?
- (f) Path to ground from circuits and equipment permanent and continuous? Cord and plug-connected equipment and fixed equipment properly grounded?
- .305 (a) Effective electrical continuity provided?
- (b) Conductors entering boxes, cabinets, or fittings protected from abrasions? Unused openings effectively closed? Pull box, junction boxes, outlets, provided with covers, faceplates or fixture canopies?
- (e) Cabinets, fitting boxes, panelboards protected in damp or wet locations? Weatherproof enclosures provided?
- (g) Proper use of flexible cords and cables? Run through walls, ceilings, doorways? Attached to building surfaces? Concealed behind doors, walls, floors, or ceilings? Used in continuous lengths without splices? Use of strain relief devices?
- .307 (b) Equipment, wiring methods, and installations of equipment in classified locations intrinsically safe, approved for hazardous location, or safe for the hazardous location?
- .332 (a) Qualified and unqualified employees trained in and familiar with safety-related work practices?
- .333 (a) Live parts de-energized or energized?
- (b) De-energized parts or circuits energizing the parts locked out? Written copy of procedures maintained? Circuits and equipment disconnected from all electric energy sources? Stored energy released? Lock and tag applied on each de-energizing disconnecting means?
- (c) Only qualified persons working or near energized parts? Overhead lines de-energized or grounded? Minimum approach distances for qualified or unqualified persons? Illumination provided?

- .334 (a) Cord and plug-connected equipment and flexible cord sets visually inspected before use on any shift? Flexible cord used with grounding conductor?
- .335 (a) Employees provided with and use electrical protective equipment as necessary?
- (b) Safety signs, tags, and barricades or attendants used?

SUBPART Z: Toxic and Hazardous Substances

- .1030 (c) Is a written exposure control plan developed and implemented? Does the exposure plan have an exposure determination and list of all tasks and procedures involving blood or other potentially infectious materials?
- (d) Are the employees using universal precautions, engineering and work practice controls?
- (d)(2) Personal protective equipment? Appropriate, available, utilized, cleaned, repaired, and replaced by employer at no cost to the employee?
- (f) Hepatitis B Vaccination and Post Exposure Evaluation and Follow-Up at no cost to the employees, at reasonable time and place, performed under/by appropriate healthcare professional?
- (f)(2) Hepatitis B Vaccination available after training and within 10 working days of initial assignment to duties with occupational exposure?
- .1030 (f)(3) Post Exposure Evaluation and Follow-Up? Documented, blood testing? Vaccination performed or declination signed? Has counseling of employee taken place with regards to the bloodborne pathogens exposure?
- (f)(5) Is the Healthcare Professionals Written Opinion limited to whether Hepatitis B Vaccination is indicated for the employee, and if the employee has received such vaccination?
- (g) Are labels and signs affixed to containers of regulated waste and those containers used to store, transport, and ship blood or other potentially infectious materials?
- (g)(2) Has employee training been provided to those employees working with blood or other potentially infectious materials at no cost and during working hours?

- (g)(2)(viii) Have the essential elements of the training program been accomplished?
 - (a) - (n)
- (h) Are all elements of the medical records included and will they be kept in accord with 29 CFR 1910.20?
- (h)(2) Will training records have the appropriate information and will they be kept for three years?
- .1200 (e) Written hazard communication program developed and implemented? List of known hazardous chemicals provided which includes methods for operations in non-routine tasks? Methods to inform outside contractors? Program readily available upon request to employees and to Kentucky OSH?
- (f) Proper labeling of chemicals?
- (g) Material safety data sheets on all chemicals? Available in the workplace?
- (h) Employees provided information and training on hazardous chemicals in their workplace? Written hazard communication program? Labeling system? Material safety data sheets?
- .1450 (d) Initial monitoring of employee exposure if reasons indicate exposure levels exceed the action level? Periodic monitoring required by relevant standard?
- .1450 (e) Written chemical hygiene plan (CHP) developed and carried out? CHP readily accessible upon request to employees and to Kentucky OSH? CHP includes standard operating procedures, criteria used to reduce employee exposure and use of personal protective equipment and hygiene practices? Designation of chemical hygiene officer or committee? Provisions for additional employee protection? Review and evaluate, update effectiveness of CHP annually and update if necessary.
- (f) Employees provided information and training on hazards of chemicals in their work area? Initially and prior to new exposure situations? Location and availability of CHP, material safety data sheets, and other reference materials? Signs and symptoms associated with exposure to hazardous chemicals used? Emergency operating procedures?
- (g) Medical consultation available without cost to employee?

- (h) Proper labeling of chemicals? Availability of material safety data sheets?
- (i) Monitoring results maintained for each employee?